



PATENT
IOWA:022

DECLARATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or the below named inventors are the original, first and joint inventors (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled **METHODS AND COMPOSITIONS FOR INCREASING THE INFECTIVITY OF GENE TRANSFER VECTORS**, the Specification of which:

- is attached hereto.
 was filed on **November 22, 1999** as Application Serial No. **09/448,613**.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims.

I acknowledge the duty to disclose to the Patent and Trademark Office all information known to me to be material to patentability of the subject matter claimed in this application, as "materiality" is defined in Title 37, Code of Federal Regulations, § 1.56.

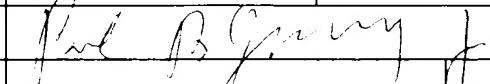
I hereby claim priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent, United States provisional application(s), or inventor's certificate listed below and have also identified below any foreign application for patent, United States provisional application, or inventor's certificate having a filing date before that of the application on which priority is claimed:

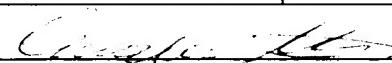
PRIORITY APPLICATION(S)			Priority Claimed
60/109,475 (Number)	USA (Country)	November 23, 1998 (Date Filed)	Yes Yes/No

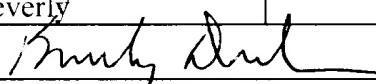
I hereby direct that all correspondence and telephone calls be addressed to Steven L. Highlander, Fulbright & Jaworski, L.L.P., 600 Congress Avenue, Suite 2400, Austin, Texas 78701, (512) 418-3000.

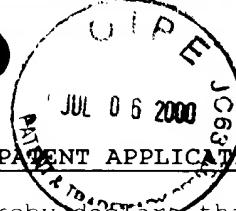
I HEREBY DECLARE THAT ALL STATEMENTS MADE OF MY OWN KNOWLEDGE ARE TRUE AND THAT ALL STATEMENTS MADE ON INFORMATION AND BELIEF ARE BELIEVED TO BE TRUE; AND FURTHER THAT THESE STATEMENTS WERE MADE WITH THE KNOWLEDGE THAT WILLFUL FALSE STATEMENTS AND THE LIKE SO MADE ARE PUNISHABLE BY FINE OR IMPRISONMENT, OR BOTH, UNDER SECTION 1001 OF TITLE 18 OF THE UNITED

STATES CODE AND THAT SUCH WILLFUL FALSE STATEMENTS MAY JEOPARDIZE THE VALIDITY OF THE APPLICATION OR ANY PATENT ISSUED THEREON.

Inventor's Full Name:	Paul	B.	McCray, Jr.
Inventor's Signature:			
Country of Citizenship:	USA	Date: 5/15/00	
Residence Address: (street, number, city, state, and/or country)	534 Clark Street Iowa City, IA 52240		
Post Office Address: (if different from above)			

Inventor's Full Name:	Guoshun		Wang
Inventor's Signature:			
Country of Citizenship:	People's Republic of China	Date: 5/16/00	
Residence Address: (street, number, city, state, and/or country)	643 Hawkeye Court Iowa City, IA 52246		
Post Office Address: (if different from above)			

Inventor's Full Name:	Beverly		Davidson
Inventor's Signature:			
Country of Citizenship:	USA	Date: 5/10/00	
Residence Address: (street, number, city, state, and/or country)	3640 Johnston Way North Liberty, IA 52242		
Post Office Address: (if different from above)			



Patent
Atty. Docket No. 1653.002

DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: Methods and Compositions for Increasing the Infectivity of Gene Transfer Vectors

the specification of which (check one) is attached hereto X was filed on November 22, 1999 as Application Serial No. 09/448,613 and was amended on (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s) Number	Country	Day/Month/Year Filed	Priority Claimed	
			Yes	No
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Application Serial No. 60/109,475	Filing Date November 23, 1998	Patented, Pending, Abandoned X
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I hereby declare that all statements herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements and the like so made are punishable by fine or imprisonment or both, under Section 1001 of Title 18 of the United States code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor Mordechai Bodner

Inventor's signature Moti Bodner

Date 4/24/00

Residence San Diego, California

Citizenship Israel U.S.A.

Post Office Address 12307 Goldfish Court, San Diego, CA 92129

Full name of second inventor Steven M. Herrmann

Inventor's signature _____

Date _____

Residence San Diego, California

Citizenship U.S.A.

Post Office Address 12677 Via Colmenar, San Diego, CA 92129

Full name of third inventor Douglas J. Jolly

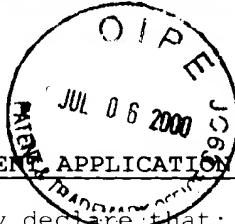
Inventor's signature _____

Date _____

Residence Encinitas, California

Citizenship United Kingdom

Post Office Address 382 Sunset Drive, Encinitas, CA 92024



Patent
Atty. Docket No. 1653.002

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Application Serial No. 60/109,475	Filing Date November 23, 1998	Patented, Pending, Abandoned <input checked="" type="checkbox"/>
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Full name of sole or first inventor Mordechai Bodner

Inventor's signature _____ Date _____

Residence San Diego, California

Citizenship Israel

Post Office Address 12507 Goldfish Court, San Diego, CA 92129

Full name of second inventor Steven M. Herrmann

Inventor's signature Steven Herrmann Date 5/22/00

Residence San Diego, California

Citizenship U.S.A.

Post Office Address 12677 Via Colmenar, San Diego, CA 92129

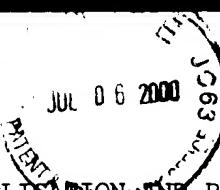
Full name of third inventor Douglas J. Jolly

Inventor's signature _____ Date _____

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Full name of sole or first inventor Mordechai Bodner

Inventor's signature _____ Date _____

Residence San Diego, California

Citizenship Israel

Post Office Address 12307 Goldfish Court, San Diego, CA 92129

Full name of second inventor Steven M. Herrmann

Inventor's signature _____ Date _____

Residence San Diego, California

Citizenship U.S.A.

Post Office Address 12677 Via Colmenar, San Diego, CA 92129

Full name of third inventor Douglas J. Jolly

Inventor's signature Douglas J. Jolly Date May 26, 2000

Residence Encinitas, California

Citizenship United Kingdom

Post Office Address 382 Sunset Drive, Encinitas, CA 92024



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Paul McCray et al.

Serial No.: 09/448,613

Filed: November 22, 1999

For: METHODS AND COMPOSITIONS FOR
INCREASING THE INFECTIVITY OF
GENE TRANSFER VECTORS

Group Art Unit: 1641

Examiner: Unknown

Atty. Dkt. No.: IOWA:022/HYL

ELECTION UNDER 37 C.F.R. §§ 3.71 AND 3.73
AND POWER OF ATTORNEY

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

The undersigned, being Assignee of record of the entire interest in the above-identified application by virtue of an assignment recorded in the United States Patent and Trademark Office as set forth below, hereby elects, under 37 C.F.R. § 3.71, to prosecute the application to the exclusion of the inventors.

The Assignee hereby revokes any previous Powers of Attorney and appoints:

Louis T. Pirkey, Reg. No. 22,393; Richard J. Groos, Reg. No. 32,231; David L. Parker, Reg. No. 32,165; William G. Barber, Reg. No. 33,154; David D. Bahler, Reg. No. 30,932; Stephen D. Dellett, Reg. No. 32,564; Michael S. Metteauer, Reg. No. 34,875; Michael O. Scheinberg, Reg. No. 36,919; Mark B. Wilson, Reg. No. 37,259; J. Scott Denko, Reg. No. 37,606; Steven L. Highlander, Reg. No. 37,642; Erik R. Nordstrom, Reg. No. 39,792; Mark A. Thurmon, Reg. No. 39,858; Teresa J. Bowles, Reg. No. 40,526; Stephen P. Meleen, Reg. No. 40,724; Richard A. Nakashima, Reg. No. 42,023; Patrick Stellitano, Reg. No. 42,169; Robert E. Hanson, Reg. No. 42,628; Nicole Stafford, Reg. No. 43,929; Michael C. Barrett, Reg. No. 44,523; Mark T. Garrett, Reg. No. 44,699; Jonathan Hurt, Reg. No. 44,790; Gina N. Shishima, Reg. No. 45,104; Debra L. Dennett, Reg. No. 46,370; and Stephen M. Hash, Reg. No. 45,490;

each an attorney or agent of the firm of FULBRIGHT & JAWORSKI, L.L.P., as its attorney or agent for so long as they remain with such firm, with full power of substitution and revocation, to prosecute the application, to make alterations and amendments therein, to transact all business in the Patent and Trademark Office in connection therewith, and to receive any Letters Patent,

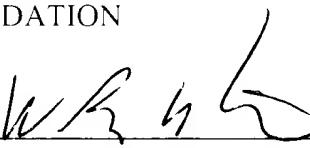
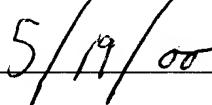
and for one year after issuance of such Letters Patent to file any request for a certificate of correction that may be deemed appropriate.

Pursuant to 37 C.F.R. § 3.73, the undersigned has reviewed the evidentiary documents, specifically the Assignment to The University of Iowa Research Foundation, referenced below, and certifies that to the best of my knowledge and belief, title remains in the name of the Assignee.

Please direct all communications as follows:

Steven L. Highlander
FULBRIGHT & JAWORSKI, L.L.P.
600 Congress Avenue, Suite 2400
Austin, Texas 78701
(512) 418-3000

ASSIGNEE:
THE UNIVERSITY OF IOWA RESEARCH
FOUNDATION

By: 
Name: W. Bruce Wheaton, Ph. D.
Title: Executive Director
Date: 

ASSIGNMENT:

- Concurrently filed
 Previously recorded

Date:

Reel:

Frames: